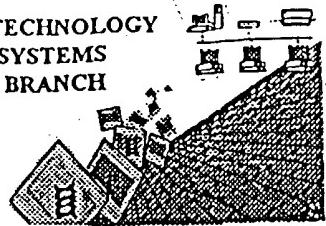


BIOTECHNOLOGY  
SYSTEMS  
BRANCH



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/932,076  
Source: TEFW16  
Date Processed by STIC: 11-15-84

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):  
U.S. Patent and Trademark Office, 220 20<sup>th</sup> Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 09/937,076

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1  Wrapped Nucleic  
Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2  Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3  Misaligned Amino  
Numbering The numbering under each 5<sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4  Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5  Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>.<223> section that some may be missing
- 6  PatentIn 2.0  
"bug" A "bug" in PatentIn version 2.0 has caused the <220>.<223> section to be missing from amino acid sequence(s). Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>.<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>.<223> sections for Artificial or Unknown sequences.
- 7  Skipped Sequences  
(OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence  
(2) INFORMATION FOR SEQ ID NO.X (insert SEQ ID NO where "X" is shown)  
(i) SEQUENCE CHARACTERISTICS (Do not insert any subheadings under this heading)  
(xi) SEQUENCE DESCRIPTION: SEQ ID NO X (insert SEQ ID NO where "X" is shown)  
This sequence is intentionally skipped  
  
Please also adjust the "(ii) NUMBER OF SEQUENCES" response to include the skipped sequences
- 8  Skipped Sequences  
(NEW RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence  
<210> sequence id number  
<400> sequence id number  
000
- 9  Use of n's or Xaa's  
(NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing  
Per 1.823 of Sequence Rules, use of <220>.<223> is MANDATORY if n's or Xaa's are present  
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents
- 10  Invalid <213>  
Response Per 1.823 of Sequence Rules, the only valid <213> responses are Unknown, Artificial Sequence, or scientific name (Genus/species). <220>.<223> section is required when <213> response is Unknown or Artificial Sequence
- 11  Use of <220> Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12  PatentIn 2.0  
"bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13  Misuse of n/Xaa "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid



IFW16

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/937,076

DATE: 11/15/2004  
TIME: 14:32:50

Input Set : A:\110.01270101.ST25.txt  
Output Set: N:\CRF4\11152004\I937076.raw

```

3 <110> APPLICANT: MCCARTHY, James B.
4 MILESKI, William J.
5 JAMIESON, Jr., Gordon A.
6 LOW, Walter C.
7 SAWCHUCK, Ronald J.
8 FURCHT, Leo T.
10 <120> TITLE OF INVENTION: METHODS OF USE OF BETA1-INTEGRIN INHIBITORS
12 <130> FILE REFERENCE: 110.01270101
14 <140> CURRENT APPLICATION NUMBER: 09/937,076
15 <141> CURRENT FILING DATE: 2002-03-27
17 <150> PRIOR APPLICATION NUMBER: PCT/US00/07680
18 <151> PRIOR FILING DATE: 2000-03-22
20 <150> PRIOR APPLICATION NUMBER: 60/125,634
21 <151> PRIOR FILING DATE: 1999-03-22
23 <150> PRIOR APPLICATION NUMBER: 60/167,538
24 <151> PRIOR FILING DATE: 1999-11-24
26 <160> NUMBER OF SEQ ID NOS: 18
28 <170> SOFTWARE: PatentIn version 3.2
30 <210> SEQ ID NO: 1
31 <211> LENGTH: 9
32 <212> TYPE: PRT
33 <213> ORGANISM: ARTIFICIAL
35 <220> FEATURE:
36 <223> OTHER INFORMATION: Peptide
38 <400> SEQUENCE: 1
40 Trp Gln Pro Pro Arg Ala Arg Ile Tyr
41 1 5
44 <210> SEQ ID NO: 2
45 <211> LENGTH: 9
46 <212> TYPE: PRT
47 <213> ORGANISM: ARTIFICIAL
49 <220> FEATURE:
50 <223> OTHER INFORMATION: Peptide
52 <400> SEQUENCE: 2
54 Trp Gln Pro Pro Arg Ala Ala Ile Tyr
55 1 5
58 <210> SEQ ID NO: 3
59 <211> LENGTH: 8
60 <212> TYPE: PRT
61 <213> ORGANISM: ARTIFICIAL
63 <220> FEATURE:
64 <223> OTHER INFORMATION: Peptide
66 <400> SEQUENCE: 3

```

Does Not Comply  
Corrected Diskette Needed  
(Pg. 1-4)

Pls explain source of genetic material.  
INVALID RESPONSE

Pls explain source of genetic material.  
INVALID RESPONSE

SAME ERROR

See item  
#11 on  
error  
summary  
sheet.

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/937,076

DATE: 11/15/2004  
TIME: 14:32:50

Input Set : A:\110.01270101.ST25.txt  
Output Set: N:\CRF4\11152004\I937076.raw

```

68 Gln Pro Pro Arg Ala Ala Ile Tyr
69 1      5
72 <210> SEQ ID NO: 4
73 <211> LENGTH: 9
74 <212> TYPE: PRT
75 <213> ORGANISM: ARTIFICIAL
77 <220> FEATURE:
78 <223> OTHER INFORMATION: Peptide
80 <400> SEQUENCE: 4
82 Trp Gln Pro Pro Arg Ala Arg Ile Tyr
83 1      5
86 <210> SEQ ID NO: 5
87 <211> LENGTH: 9
88 <212> TYPE: PRT
89 <213> ORGANISM: ARTIFICIAL
91 <220> FEATURE:
92 <223> OTHER INFORMATION: Peptide
94 <400> SEQUENCE: 5
96 Ala Gln Pro Pro Arg Ala Arg Ile Tyr
97 1      5
100 <210> SEQ ID NO: 6
101 <211> LENGTH: 9
102 <212> TYPE: PRT
103 <213> ORGANISM: ARTIFICIAL
105 <220> FEATURE:
106 <223> OTHER INFORMATION: Peptide
108 <400> SEQUENCE: 6
110 Trp Ala Pro Pro Arg Ala Arg Ile Tyr
111 1      5
114 <210> SEQ ID NO: 7
115 <211> LENGTH: 9
116 <212> TYPE: PRT
117 <213> ORGANISM: ARTIFICIAL
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Peptide
122 <400> SEQUENCE: 7
124 Trp Gln Pro Pro Asp Ala Asp Ile Tyr
125 1      5
128 <210> SEQ ID NO: 8
129 <211> LENGTH: 9
130 <212> TYPE: PRT
131 <213> ORGANISM: ARTIFICIAL
133 <220> FEATURE:
134 <223> OTHER INFORMATION: Peptide
136 <400> SEQUENCE: 8
138 Ala Arg Ile Thr Gly Tyr Ile Ile Tyr
139 1      5
142 <210> SEQ ID NO: 9
143 <211> LENGTH: 9

```

Same error

Same error

Same error

Same error

Same error

See item  
# 11 on  
error  
summary  
sheet.

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/937,076

DATE: 11/15/2004  
TIME: 14:32:50

Input Set : A:\110.01270101.ST25.txt  
Output Set: N:\CRF4\11152004\I937076.raw

144 <212> TYPE: PRT  
145 <213> ORGANISM: ARTIFICIAL  
147 <220> FEATURE:  
148 <223> OTHER INFORMATION: Peptide  
150 <400> SEQUENCE: 9  
152 Arg Ala Arg Ile Thr Gly Tyr Ile Tyr  
153 1 5  
156 <210> SEQ ID NO: 10  
157 <211> LENGTH: 9  
158 <212> TYPE: PRT  
159 <213> ORGANISM: ARTIFICIAL  
161 <220> FEATURE:  
162 <223> OTHER INFORMATION: Peptide  
164 <400> SEQUENCE: 10  
166 Pro Arg Gln Ala Trp Arg Pro Ile Tyr  
167 1 5  
170 <210> SEQ ID NO: 11  
171 <211> LENGTH: 9  
172 <212> TYPE: PRT  
173 <213> ORGANISM: ARTIFICIAL  
175 <220> FEATURE:  
176 <223> OTHER INFORMATION: Peptide  
178 <400> SEQUENCE: 11  
180 Arg Pro Ala Pro Gln Arg Trp Ile Tyr  
181 1 5  
184 <210> SEQ ID NO: 12  
185 <211> LENGTH: 6  
186 <212> TYPE: PRT  
187 <213> ORGANISM: ARTIFICIAL  
189 <220> FEATURE:  
190 <223> OTHER INFORMATION: Peptide  
192 <400> SEQUENCE: 12  
194 Pro Arg Ala Arg Ile Tyr  
195 1 5  
198 <210> SEQ ID NO: 13  
199 <211> LENGTH: 5  
200 <212> TYPE: PRT  
201 <213> ORGANISM: ARTIFICIAL  
203 <220> FEATURE:  
204 <223> OTHER INFORMATION: Peptide  
206 <400> SEQUENCE: 13  
208 Arg Ala Arg Ile Tyr  
209 1 5  
212 <210> SEQ ID NO: 14  
213 <211> LENGTH: 4  
214 <212> TYPE: PRT  
215 <213> ORGANISM: ARTIFICIAL  
217 <220> FEATURE:  
218 <223> OTHER INFORMATION: Peptide

— Same errors

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/937,076

DATE: 11/15/2004  
TIME: 14:32:50

Input Set : A:\110.01270101.ST25.txt  
Output Set: N:\CRF4\11152004\I937076.raw

```

220 <400> SEQUENCE: 14
222 Ala Arg Ile Tyr
223 1
226 <210> SEQ ID NO: 15
227 <211> LENGTH: 5
228 <212> TYPE: PRT
229 <213> ORGANISM: ARTIFICIAL
231 <220> FEATURE:
232 <223> OTHER INFORMATION: Peptide
234 <400> SEQUENCE: 15
236 Pro Arg Ala Arg Ile
237 1      5
240 <210> SEQ ID NO: 16
241 <211> LENGTH: 9
242 <212> TYPE: PRT
243 <213> ORGANISM: ARTIFICIAL
245 <220> FEATURE:
246 <223> OTHER INFORMATION: Scrambled
248 <400> SEQUENCE: 16
250 Arg Pro Gln Ile Pro Trp Ala Arg Tyr
251 1      5
254 <210> SEQ ID NO: 17
255 <211> LENGTH: 10
256 <212> TYPE: PRT
257 <213> ORGANISM: ARTIFICIAL
259 <220> FEATURE:
260 <223> OTHER INFORMATION: Peptide
262 <400> SEQUENCE: 17
264 Pro Ala Ile Phe Asp Arg Ser Cys Gly Ser
265 1      5      10
268 <210> SEQ ID NO: 18
269 <211> LENGTH: 10
270 <212> TYPE: PRT
271 <213> ORGANISM: ARTIFICIAL
273 <220> FEATURE:
274 <223> OTHER INFORMATION: Peptide
276 <400> SEQUENCE: 18
278 Pro Lys Val Met Glu Arg Thr Cys Asp Ser
279 1      5      10

```

pls explain source  
of genetic material

Invalid  
response

- same  
errors

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/937,076

DATE: 11/15/2004  
TIME: 14:32:51

Input Set : A:\110.01270101.ST25.txt  
Output Set: N:\CRF4\11152004\I937076.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/937,076

DATE: 11/15/2004

TIME: 14:32:51

Input Set : A:\110.01270101.ST25.txt

Output Set: N:\CRF4\11152004\I937076.raw